

## **§ 76.60-10**

(b) Covered barges shall carry at least three fire axes and uncovered barges shall carry at least two fire axes.

### **§ 76.60-10 Location.**

(a) Fire axes shall be distributed throughout the spaces available to passengers and crew so as to be most readily available in the event of emergency.

(b) If fire axes are not located in the open or behind glass so that they may be readily seen, they may be placed in enclosures together with the fire hose, provided such enclosures are marked as required by § 78.47-20 of this subchapter.

## **PART 77—VESSEL CONTROL AND MISCELLANEOUS SYSTEMS AND EQUIPMENT**

### **Subpart 77.01—Application**

Sec.

77.01-1 General.

77.01-3 Incorporation by reference.

### **Subpart 77.03—Marine Engineering Systems**

77.03-1 Installation and details.

### **Subpart 77.05—Electrical Engineering and Interior Communication Systems**

77.05-1 Installation and details.

### **Subpart 77.06—Lifesaving Appliances and Arrangements**

77.06-1 Installation.

### **Subpart 77.07—Anchors, Chains, and Hawsers**

77.07-1 Application.

77.07-5 Ocean, coastwise, or Great Lakes service.

77.07-10 Lakes, bays, and sounds, or river service.

77.07-90 Vessels contracted for prior to November 19, 1952.

### **Subpart 77.09—Radar**

77.09-1 When required.

### **Subpart 77.11—Magnetic Compass and Gyrocompass**

77.11-1 When required.

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### **Subpart 77.27—Sounding Equipment**

77.27-1 When required.

### **Subpart 77.30—Emergency Equipment**

77.30-1 Application.

77.30-5 General.

77.30-10 Stowage.

77.30-15 Spare charges.

77.30-90 Vessels contracted for before November 23, 1992.

### **Subpart 77.35—Fireman's Outfit**

77.35-1 Application.

77.35-5 General.

77.35-10 Fireman's outfit.

77.35-15 Stowage.

77.35-20 Spare charges.

77.35-90 Vessels contracted for before November 23, 1992.

### **Subpart 77.40—Pilot Boarding Equipment**

77.40-1 Pilot boarding equipment.

AUTHORITY: 46 U.S.C. 3306; E.O. 12234, 45 FR 58801, 3 CFR, 1980 Comp., p. 277; 49 CFR 1.46.

SOURCE: CGFR 65-50, 30 FR 16953, Dec. 30, 1965, unless otherwise noted.

### **Subpart 77.01—Application**

#### **§ 77.01-1 General.**

(a) The provisions of this part shall apply to all vessels except as specifically noted.

(b) [Reserved]

#### **§ 77.01-3 Incorporation by reference.**

(a) Certain materials are incorporated by reference into this part with the approval of the Director of the Federal Register in accordance with 5 U.S.C. 552(a). To enforce any edition other than the one listed in paragraph (b) of this section, notice of the change must be published in the FEDERAL REGISTER and the material made available to the public. All approved material is on file at the Office of the Federal Register, Washington, DC 20408, and at the U.S. Coast Guard, Office of Design and Engineering Standards (G-MSE), 2100 Second Street SW., Washington, DC 20593-0001, and is available from the address indicated in paragraph (b).

(b) The material approved for incorporation by reference in this part, and the sections affected is:

## Coast Guard, DHS

## § 77.07-5

*American Society for Testing and Materials  
(ASTM)*

100 Barr Harbor Drive, West Conshohocken,  
PA 19428-2959.

ASTM F 1014-92, Standard Specification for  
Flashlights on Vessels—77.35-5

[CGD 82-042, 53 FR 17704, May 18, 1988, as  
amended by CGD 95-072, 60 FR 50463, Sept. 29,  
1995; CGD 96-041, 61 FR 50729, Sept. 27, 1996;  
CGD 97-057, 62 FR 51045, Sept. 30, 1997; USCG-  
1999-5151, 64 FR 67181, Dec. 1, 1999]

### Subpart 77.03—Marine Engineering Systems

#### § 77.03-1 Installation and details.

(a) The installation of all systems of  
a marine engineering nature, together  
with the details of design, construc-  
tion, and installation, shall be in ac-  
cordance with the requirements of sub-  
chapter F (Marine Engineering) of this  
chapter. Systems of this type include  
the following:

Steering systems.  
Power for going astern.  
Bilge and ballast systems.  
Tank vent and sounding systems.  
Overboard discharges and shell connections.  
Pipe and pressure systems.

(b) [Reserved]

### Subpart 77.05—Electrical Engi- neering and Interior Commu- nication Systems

#### § 77.05-1 Installation and details.

(a) The installation of all systems of  
an electrical engineering or interior  
communications nature, together with  
the details of design, construction, and  
installation, shall be in accordance  
with the requirements of subchapter J  
(Electrical Engineering) of this chap-  
ter. Systems of this type include the  
following:

Ship's service generating systems.  
Ship's service power distribution systems.  
Ship's lighting systems.  
Electric propulsion and propulsion control  
systems.  
Emergency lighting and power systems.  
Electric lifeboat winch systems.  
Electric steering gear and steering control  
systems.  
Fire detecting and alarm systems  
Sound powered telephone and voice tube sys-  
tems.  
Engine order telegraph systems.

Rudder angle indicator systems.  
Refrigerated spaces alarm systems.  
Navigation lights systems.  
Daylight signaling lights.  
Miscellaneous machinery alarms and con-  
trols.  
General alarm systems.

(b) Electrical equipment installed in  
spaces "specially suitable for vehicles"  
shall be in accordance with subchapter  
J (Electrical Engineering) of this chap-  
ter.

[CGFR 65-50, 30 FR 16953, Dec. 30, 1965, as  
amended by CGFR 66-33, 31 FR 15283, Dec. 6,  
1966; CGFR 68-32, 33 FR 5716, Apr. 12, 1968;  
CGD 74-125A, 47 FR 15231, Apr. 8, 1982]

### Subpart 77.06—Lifesaving Appliances and Arrangements

#### § 77.06-1 Installation.

The installation of all lifesaving ap-  
pliances and arrangements must be in  
accordance with the requirements of  
subchapter W (Lifesaving Appliances  
and Arrangements) of this chapter.

[CGD 84-069, 61 FR 25288, May 20, 1996]

### Subpart 77.07—Anchors, Chains, and Hawasers

#### § 77.07-1 Application.

(a) The provisions of this subpart,  
with the exception of § 77.07-90, shall  
apply to all vessels contracted for on or  
after November 19, 1952. Vessels con-  
tracted for prior to November 19, 1952,  
shall meet the requirements of § 77.07-  
90.

(b) [Reserved]

#### § 77.07-5 Ocean, coastwise, or Great Lakes service.

(a) Vessels in ocean, coastwise, or  
Great Lakes service shall be fitted with  
anchors, chains, and hawsers in general  
agreement with the standards estab-  
lished by the American Bureau of Ship-  
ping, see subpart 70.35 of this sub-  
chapter.

(b) In addition to the provisions of  
paragraph (a) of this section, the fol-  
lowing requirements and alternatives  
also apply:

(1) The American Bureau of Shipping  
rules relating to anchor equipment are  
mandatory, not a guide.